

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	25	("3910391"   "3993415"   "4056178"   "4739864"   "5377798"   "5667715"   "5823309"   "5845752"). PN. OR ("5960918"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/04 19:40
L24	34	("4227861"   "4285421"   "4302156"   "4310085"   "4664242"   "4681197"   "5234090"   "5598908"   "5823309"   "5845752"   "5848678"   "5896964"   "5896965"   "5960918"   "6032772").PN. OR ("6318531").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/04 19:42
L25	18	192/21.5.ccls. and cast	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/05 02:38
L26	3	192/21.5.ccls. and mold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/05 02:45
S1	17	("2870888"   "20010021285"   "5429173"   "5598908"   "5823309"   "5845752"   "5848678"   "5896964"   "5896965"   "5960918"   "6032772"   "6102177"   "6173823"   "6318531"   "6450691"   "6585092"). PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/03 18:54
S2	5	US-2870888-\$.DID. OR US-5429173-\$.DID. OR US-5896964-\$.DID. OR US-5598908-\$.DID. OR US-6450691-\$.DID.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/03 19:43
S12	14	("20020088411"   "5667715"   "5960918"   "6032772"   "6102177"   "6149832"   "6173823"   "6318531").PN. OR ("6585092").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/03 21:27

S13	1	"4788885".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/03 23:28
S15	13854	(GENERAL near MOTORS near CORPORATION ).as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 11:56
S16	90	((JOHN) near2 (ULICNY)). INV.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 11:56
S17	78	((LAWRENCE) near2 (KENNEDY)).INV.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 11:56
S18	26	((BRIAN) near2 (MCDERMOTT)).INV.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 11:56
S19	620	((ANTHONY) near2 (SMITH)).INV.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 11:56
S20	42	(S15 S16 S17 S18 S19) and (magnetorheologic\$2 mrf (mr near fluid)) and fan and clutch	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 11:56
S22	7	"043749".ap.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 16:00
S24	5	(S15 S16 S17 S18 S19) and (magnetorheologic\$2 mrf (mr near fluid)) and precursor not S20	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:09
S25	4	(S15 S16 S17 S18 S19) and (magnetorheologic\$2 mrf (mr near fluid)) and (labyrinth near seal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:11
S28	36	(S15 S16 S17 S18 S19) and (magnetorheologic\$2 mrf (mr near fluid)) and fan not (S20 S24 S25)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:27
S29	83	S20 S24 S25 S28	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:28
S31	23	(S15 S16 S17 S18 S19) and (magnetorheologic\$2 mrf (mr near fluid)) and clutch not (S20 S24 S25)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:28
S33	106	S20 S24 S25 S28 S31	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:36

S34	644	192/21.5.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:36
S35	143	192/58.4.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:36
S36	72	277/303.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:36
S37	245	188/267.2.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 17:36
S38	647	277/412.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:04
S39	0	S34 and (S36 S38)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:05
S40	178	S20 S24 S25 S28 S31 S36	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:06
S41	7	188/267.2.ccls. and fan	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:07
S42	0	188/267.2.ccls. and (labyrinth S36 S38)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:08
S43	0	188/267.2.ccls. and (labyrinth S36 S38 precursor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:08
S44	183	S20 S24 S25 S28 S31 S36 S41	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:08
S45	49	192/58.4.ccls. and fan	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:08
S46	225	S20 S24 S25 S28 S31 S36 S41 S45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 18:59
S47	16	192/58.4.ccls. and (electromagnet\$2 magnetorheologic mrf (mr near fluid))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:00
S48	228	S20 S24 S25 S28 S31 S36 S41 S45 S47	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:03

S49	618	192/21.5.ccls. not S48	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:06
S50	10	192/21.5.ccls. not S48 and (labyrinth near seal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:06
S51	1	192/21.5.ccls. not S48 and precursor and cast	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:12
S52	239	S20 S24 S25 S28 S31 S36 S41 S45 S47 S50 S51	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:13
S53	0	192/21.5.ccls. not S48 and precursor and insert	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:13
S54	17	192/21.5.ccls. not S52 and fan	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:13
S55	179	192/21.5.ccls. not S52 and coil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:15
S56	166	192/21.5.ccls. not S52 not S54 and coil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:15
S57	1	192/21.5.ccls. not S52 not S54 not S56 and second near housing	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/04 19:17
S58	14	("2614668"   "2745527"   "2851136"   "2903109"). PN. OR ("4682676"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/04 19:21

**EAST Search History (Interference)**

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**5/ 5/ 2010 3:09:20 AM****C:\ Documents and Settings\ tchau\ My Documents\ EAST\ Workspaces\ 10594319 Clutch  
Assembly.wsp**